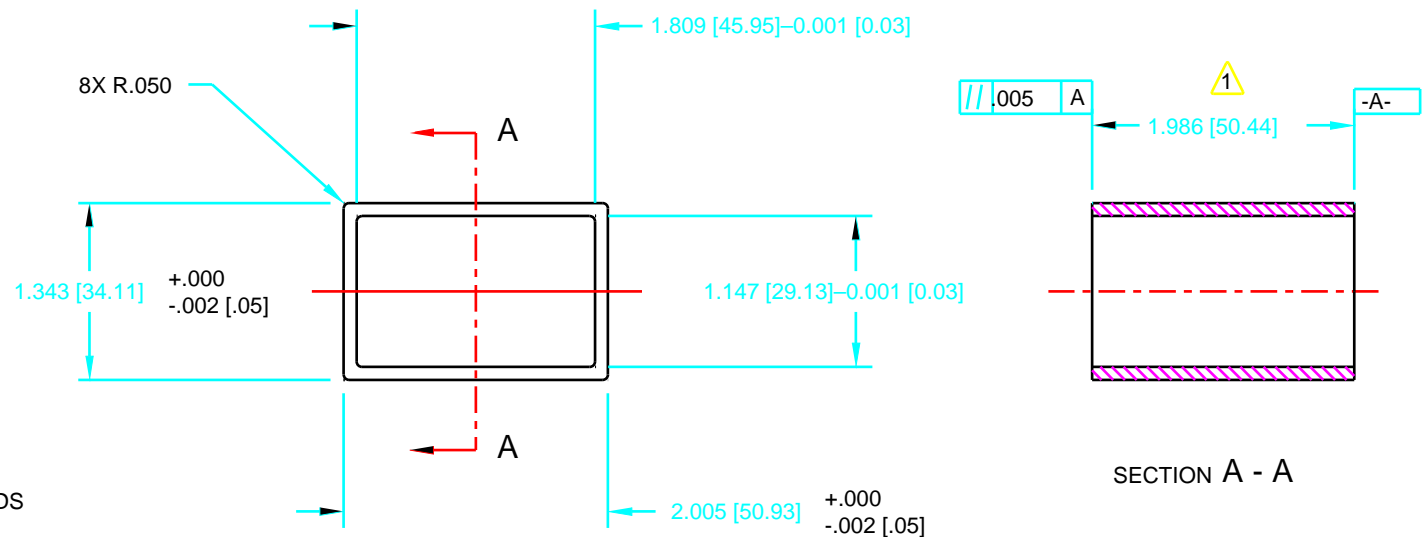


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1

A1672301



## NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY

1	1.986 [50.44] WAS 2.086 [52.98]	M.J.M.		
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X - .03 [ .7620] .XX - .01 [ .25] .XXX - .005 [ .127] ANGULAR - .25 SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DO NOT SCALE DRAWING		LOG NUMBER <b>A1672301</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
DRAWN BY <b>MUSCIA</b>	DATE <b>3/7/92</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE <b>3/25/94</b>	TITLE <b>ADVANCED PHOTON SOURCE</b>
CHECKED BY <b>J. WOTHE</b>	DATE <b>3/22/94</b>	GP LEADER <b>T.M. KUZAY</b>	DATE <b>4/9/94</b>	<b>L5 APS UNDULATOR WHITE BEAM H &amp; V SLITS RECTANGULAR EXTENSION TUBE</b>
DESIGNER <b>SHU/MUSCIA</b>	DATE <b>3/7/94</b>	PROJECT MGR.		
RESPONSIBLE ENGINEER <b>D. SHU</b>	DATE <b>3/25/94</b>	APPROVED/RELEASED		
MATERIAL <b>304 STAINLESS STEEL</b>	SCALE <b>1:1</b>	SIZE <b>B</b>	DRAWING NUMBER <b>P4105091505-230005-01</b>	
	SHEET <b>1 of 1</b>			